

Openfield™



Seed, fertiliser, grain, storage.

Game Cover

A practical guide



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British grain for British food and drink.

Crop	Sow	Cover	Rate Acre	Rate Hectare	Duration	Feed	Nectar	Cover	Stomp	Butisan	Northern
Maize	Apr-Jun	Aug-Feb	45000sds	110,000sds	1 Year	✓		✓	✓		
Millet	Apr-May	Sep-Feb	5Kg	12kg	1 Year	✓		✓	✓		
Sorghum	Apr-Jun	Jul-Feb	8 - 12kg	20 - 30kg	1 Year	✓		✓	✓	✓	
Canary Grass	Apr-May	Sep-Feb	2 - 2.5kg	5 - 7kg	5 Year+			✓	✓		✓
Sunflower	Apr-May	Jul-Nov	5kg	12kg	1 Year	✓	✓	✓	✓		
Forage Rape	May-Sep	Aug-Feb	1 - 2kg	2.5 - 5kg	2 Years		✓	✓		✓	✓
Kale	Apr-Jun	Sep-Feb	1 - 2kg	2.5 - 5kg	2 Years		✓	✓		✓	✓
Kale x Rape	Apr-Jun	Sep-Feb	1 - 2kg	2.5 - 5kg	2 Years		✓	✓		✓	✓
Quinoa	Apr-May	Sep-Dec	2kg	5kg	1 Year	✓		✓			✓
Carbon	Jul-Aug	Sep-Feb	2kg	5kg	1 Year		✓	✓		✓	✓
Buckwheat	Apr-Aug	Jul-Dec	20kg	50kg	1 Year	✓	✓	✓		✓	✓
Chicory	Apr-May	Sep-Dec	2kg	5kg	5 Year+		✓	✓		✓	✓
Fodder Radish	Apr-Aug	Sep-Feb	2.5kg	6kg	1 Year		✓	✓		✓	✓
Linseed	Mar-Jun	Aug-Dec	25kg	60kg	1 Year	✓	✓	✓	✓	✓	✓
Mustard	May-Sep	Aug-Dec	5 - 10kg	12 - 25kg	1 Year		✓	✓	✓	✓	✓
Brown Mustard	May-Sep	Aug-Feb	5 - 10kg	12 - 25kg	1 Year		✓	✓	✓	✓	✓
Triticale	Mar-May	Sep-Feb	50 - 60kg	125 - 150kg	1 Year	✓		✓	✓		✓
Yellow Blossom Sweet Clover	Mar-Jul	Aug-Feb	2.5kg	6kg	2 Years		✓	✓	✓	✓	✓
Phacelia	May-Aug	Aug-Nov	4kg	10kg	1 Years		✓	✓		✓	✓



Quinoa



Maize



Canary Grass



Buckwheat



Chicory in grass




Triticale



Symbol Feature Key

- F** Supplies Feed
- C** Supplies Cover
- N** Supplies Nectar
- N** For Northern or Exposed Sites



Problem	Solution
Rat/Badger Damage	Late Maize or Sorghum
Rabbit Damage	Triticale
Deer Damage	Sorghum
Stewardship Scheme	Look for mixes with (AB9)
Autumn Sowing	Late Arrival & Autumn Break
Permanent Site Need	Chicory or Reed Canary Grass
Woodland Site	Buckwheat
Exposed/Cold Site	Look for this symbol 
Establishing Kales	Use Interval Kale Rape Hybrid
Weed Control Issues	Chemical tolerant mixes
Early Sowing Failed	Late Arrival & Autumn Break

Triumph Traditional Mix

- A well proven traditional mixture.
- 2 full seasons of feed and cover.
- Attract both wild birds and insects to the crop benefiting game birds.
- Comprehensive mix containing brassicas for cover as well as a number of seed shedding plants.
- Very reliable performance in most conditions.

Mixture contains

Mustard	Maize
Kale	Forage Rape
White Millet	Sunflowers
Red Millet	Phacelia
Sorghum	Gold Of Pleasure
Buckwheat	

Sowing Rate:	25kg per ha/10kg per acre
Sowing Date:	Apr - May
Pack Size:	1 acre pack (10kg)
Cover From:	July - February

Triumph Northern Exposure Mix

- Ideal for use in colder, more exposed areas.
- Provides cover and feed as well as being a haven for wildlife throughout the season.
- Triticale is beneficial where rabbit damage maybe a problem.
- Sow in wide rows to enable birds to have free access.

Mixture contains

Spring Triticale	Spring Beans
Kale	Sweet Clover
Spring Wheat	Forage Rape
Quinoa	Gold of Pleasure

Sowing Rate:	50kg per ha/20kg per acre
Sowing Date:	Mar - Apr
Pack Size:	1 acre pack (20kg)
Cover From:	July - February



Triumph Partridge Drive (AB9, AHL2, CAHL2)

- 2 year full cover and feed mix.
- Attracts a large amount of insect interest during Summer months.
- Heavy amount of seed yields.
- Good Winter holding.
- Consistent performance.

Mixture contains

Spring Triticale	Kale
Linseed	Gold Of Pleasure
Spring Barley	Brown Mustard

Sowing Rate:	62kg per ha/25kg per acre
Sowing Date:	Apr - May
Pack Size:	1 Acre pack (25kg)
Cover From:	July - February



Triumph Holdfast

- Clubroot resistant kale variety.
- Provides excellent bird holding cover.
- Winter hardy cover provided by the kale.
- High quality feed provided by the quinoa.

Mixture contains

Quinoa	Kale
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Sowing Rate:	6.25kg per ha/2.5kg per acre
Sowing Date:	Apr - May
Pack Size:	1 acre pack (2.5kg)
Cover From:	September - February



Triumph Cover & Feed (AB9, AHL2, CAHL2)

- Mixture of small seed producing species which will provide excellent cover and feed.
- Last throughout the season.
- Easy to establish.
- Excellent alternative to traditional gamecover mixtures.
- Can be used in ELS as a Wild Bird Seed Mix option.

Mixture contains

Linseed	Forage Radish
Buckwheat	Mustard
Red Millet	Japanese Reed Millet
White Millet	Gold of Pleasure

Sowing Rate:	20kg per ha/8kg per acre
Sowing Date:	Apr - May
Pack Size:	0.5ha pack (10kg)
Cover From:	September - February



Triumph Autumn Break (AHL2, CAHL2)

- Designed for Autumn Sowing.
- Provides excellent brood rearing cover the following Spring.
- Good Autumn cover and seed shed.
- Attractive to insects.

Mixture contains

Spring Triticale	Radish
Phacelia	Linseed
Forage Rape	Mustard

Sowing Rate:	30kg per ha/12kg per acre
Sowing Date:	Sept - Oct
Pack Size:	1 acre pack (12kg)
Cover From:	All Year Round



Triumph Game Changer (AB9, AHL2, CAHL2)

- Diverse mix designed for a full season.
- 2 years cover and feed.
- Good feed and cover for a mix of birds.
- Shield tolerant.

SHIELD TOLERANT

Shield is effective against Thistle, Creeping Thistle, Groundsel, Mayweeds and Sowthistle.

Mixture contains

Buckwheat	Forage Rape
Kale	Japanese Reed Millet
White Millet	Quinoa
Red Millet	Gold of Pleasure
Phacelia	

Sowing Rate:	15kg per ha/6kg per acre
Sowing Date:	Apr - June
Pack Size:	1 acre pack (6kg)
Cover From:	September - February



Triumph Double Take (AB9)

- Allows for good weed control.
- 2 year cover.
- Good feed qualities.
- Butisan S tolerant.

BUTISAN S TOLERANT

Butisan S is effective against Annual Meadow Grass, Shepherd's Purse, Chickweed, Dead Nettle, Groundsel, Speedwells, Mayweed and Cranesbill.

Mixture contains

Kale	White Mustard
Radish	Linseed
Forage Rape	Brown Mustard

Sowing Rate	16kg per ha/6.5kg per acre
Sowing Date:	Apr - May
Pack Size:	0.5ha pack (8kg)
Cover From:	September - February



F C N

Triumph Dry & Mighty

- Fantastic feed potential.
- Full season cover.
- Good drought tolerance.
- Not recommended in marginal areas.
- Stomp Tolerant.

**STOMP
TOLERANT**

Stomp Aqua is effective against Grass Weeds, Pansy, Speedwells, Chickweed, Knotgrass, Shepherd's Purse, Dead Nettle, Nettle and Fat Hen.

Mixture contains

Maize Dwarf Sorghum
Sunflower

Sowing Rate: **32kg per ha/13kg per acre**
Sowing Date: **April - June**
Pack Size: **1 acre pack (13kg)**
Cover From: **August - February**



F C N

Triumph Hold Fire (AB9, AHL2, CAHL2)

- Excellent feed source for one year.
- Very robust and reliable blend.
- Good performance in difficult seasons.
- Stomp Aqua tolerance.

**STOMP
TOLERANT**

Stomp Aqua is effective against Grass Weeds, Pansy, Speedwells, Chickweed, Knotgrass, Shepherd's Purse, Dead Nettle, Nettle and Fat Hen.

Mixture contains

Spring Triticale Sunflower
Dwarf Sorghum Radish
Millet Blend Linseed

Sowing Rate: **40kg per ha/15kg per acre**
Sowing Date: **April - May**
Pack Size: **0.5ha pack (20kg)**
Cover From: **August - February**



F C N 

Triumph Late Arrival

- Late cover mix will grow to a height of between 2 and 3 feet.
- Easy to establish.
- Ideal mixture to broadcast after harvesting cereals.
- Will rapidly establish to provide Winter cover.

Mixture contains

Forage Rape Mustard
Stubble Turnip Radish

Sowing Rate: **12kg per ha/5kg per acre**
Sowing Date: **Aug - Sept**
Pack Size: **1 acre pack (5kg)**
Cover From: **September - December**



Top Tips for Game Maize

- Do not drill too early - Absolute minimum soil temperature 10°C for at least three consecutive days.
- The soil should be free of compaction.
- Cold Wet Soils - Maize is a semi-tropical crop and will not grow well in cold wet soils. Preferring light, free draining soils.
- Fertiliser - Maize loves farmyard manure, incorporate this in the soil. For the best possible start we always recommend the use of Maxi-Maize Plus.



Sowing Rate: **45,000 seeds per acre**
 Sowing Date: **April - June**
 Pack Size: **1 acre (45,000 Seeds)**
 Cover From: **August - February**

All Season

“The original Gamecover Maize Blend”

All Season maize blend is a unique blend of three selected maize varieties of varying maturity producing special benefits that cannot be achieved by growing a single variety.

- Spread maturity for long season feed.
- Robust effective cover.
- Long standing.
- Works in all seasons.
- Seed Treated with Redigo M Fungicide.

“**All Season**” is able in both good and bad seasons to produce grain because of the range of maturities within the blend below;

Early Variety

In a good or bad season grain is produced of a satisfactory maturity to provide feed. The plants brackle over to make cobs available to the birds.

Medium Variety

In a good season this will give good grain yields later than the earlier variety, spreading the feeding season and holding the birds.

Late Variety

Produces very large strong plants for all season cover with good resistance to lodging because of its very high fusarium disease resistance.

Late Season Maize

Sometimes referred to as “Cobless Maize”. Growing a late maturing single variety of maize is sometimes an option for gamecover as it stands longer and remains green for longer into the late Autumn and Winter months. Treated with Redigo M Fungicide and Korit Bird deterrent.



No Treatment



Maxi-Maize^{PLUS}

Maxi-Maize^{PLUS}

The best starter fertiliser for your maize

Maxi-Maize^{PLUS} is the ideal placement fertiliser.

This is an improvement on the original Maxi-Maize formulation and includes the addition of extra sulphur and copper to improve early season growth and yields. Copper deficiency can have a detrimental effect on cob fill.

Field experience shows benefit to growers throughout the season with more vigorous plants, earlier tasselling, more grain sites and earlier grain maturity.

Application: **Apply one 25kg bag per acre down the spout of the drill**
 Analysis: **19N : 39.5P : 0.0K + 6.0S03 + 0.5MgO + 0.9CaO + Wolf Trax + Zn + Mn + B + Cu + Avail**



Millet

Sowing Rate:	12kg per ha/5kg per acre
Sowing Date:	April - May
Pack Size:	2 acre (10kg)
Cover	September - February

White Millet

Widely grown in the UK, white millet is an excellent source of nutritious seed that keeps game birds interested in the cover. Whilst not as early in seed maturity as red millet it is often used in mixtures but also sown in blocks. Commonly used as a flushing point.

Red Millet

Red millet is an earlier maturing millet than the widely used white millet. It is an excellent source of nutritious seed that keeps game birds interested in the cover. Often used as a flushing point.



Japanese Reed Millet

Japanese Reed Millet is a stronger plant than other members of the millet family and is more winter hardy. When mixed with red and white millet it provides an excellent cover and feed crop. (Total Millet Blend.)

Millet Blend

This combination of both red and white millet extends both the feeding and holding period. Red and White Millet Blend is often sown within gamecover maize or in blocks for feeding and flushing. Nutritious seeds which are freely shed keeps birds interested in your cover. This blend will give a long spread of seed maturity and shedding.

Total Millet Blend

A mixture of white millet, red millet and Winter hardy Japanese reed millet. This mixture provides a longer season of cover and feed. Total Millet Blend is often used as a wind-proof belt or flushing point around maize.





Dwarf Sorghum

Sometimes referred to as “Milo” or “Grain” sorghum in other parts of the world. Dwarf sorghum is shorter and stiffer stemmed than giant sorghum. Reaching a height of 3 - 3.5 feet with large leaves producing a leafier cover at ground level. Very good standing power provides a good warm holding area for birds. Will provide grain in southern areas.

Sowing Rate	8kg per acre
Sowing Date:	April - Early June
Pack Size:	1 acre pack
Cover From:	July - February



Intermediate Sorghum

Very similar to the other sorghums, but as the name suggests grows to a height of around 4 - 5 feet. This gives it a better wind break possibility than the dwarf varieties whilst at the same time not being seen as an impenetrable barrier. Drilling depth 1 - 2 inches with row widths at 70cm.

Sowing Rate	10kg per acre
Sowing Date:	April - Early June
Pack Size:	1 acre pack
Cover From:	July - February

Giant Sorghum

Provides a tall dense cover some 5 - 7 feet tall with average resistance to lodging. Best used as a flushing point or drilled as a windbreak to protect other cover crops. Offers no feed value to game birds.

Sowing Rate	10kg per acre
Sowing Date:	April - Early June
Pack Size:	1 acre pack
Cover From:	July - February

Sorghum

Sorghum is a tropical crop where it is grown for grain. You will need to be careful not to sow too early with any sorghum as it is very cold sensitive, requiring a minimum soil temperature of 14°C. Bare in mind that Sorghum, being a tropical crop, requires more heat than maize which is a sub tropical crop. Lasts well into late January/ February and can be used in some stewardship and wild bird mixtures. Sowing depth 2-5cm Row width 70cm.



Sunflower

Sunflowers are often grown as part of a mixture. Whilst providing an abundant source of seed in Autumn, sunflowers attract huge numbers of insects to the cover from the time they start to flower. Helps to attract finches and other wildlife to the cover crop. Sow after mid April when soil temperatures have reached a minimum of 10°C. Best results are seen in years which have a good sunny Summer. Flowering period is normally around two to three weeks in length in late July or early August with seed being ready for shedding from early October.

Standard Gamecover Sunflowers

Will normally grow to a height of between 4.5 - 6 feet. If sown in blocks you can increase the size of the heads by reducing the seed rate, this also increases the stem thickness and therefore standing power. Minimum soil temperature required is 10°C.

Dwarf Sunflowers

Dwarf sunflowers will grow to around 3 - 4 feet in height. Mostly sown in mixtures where they add excellent feed quality and quantity. They also bring in lots of insect activity during the flowering period approximately the end of July and into August for two to three weeks.

Sowing Rate	5kg per acre
Sowing Date:	April - May
Pack Size:	1 acre pack
Cover From:	July - November





Canary Grass (Phalaris Aquatica)

Canary grass is a long lasting (5 - 6 years) cover crop which, when matured, will grow into bushy clumps and reach up to 6 feet tall. It is a non UK native species but grows well in the UK . Pack size is 2.5kg per acre. Spring management will be required each year to thin out between the rows to allow good access for your birds.

Reed Canary Grass (Phalaris Arundinacea)

Reed Canary Grass is a UK native species and therefore may prove more winter hardy and suited to a wider range of soil types than Canary Grass. Spring management will be required each year to thin out between the rows to allow good access for your birds.

Buckwheat

Buckwheat is a quick growing and versatile crop which produces lots of nectar rich flowers. These are brilliant at attracting insects to the cover. There is a good amount of seed shed in early Autumn which again gives feed interest to the birds. Most often found in mixtures but can be sown in patches. Available in 5kg packs.



Chicory

As a perennial crop chicory will give better cover in the second and subsequent years. During the first year it will be similar in size to a large dandelion but by the Summer of the second year it is a tall and bushy plant. Chicory offers good drought resistance but does not like wet ground. We are offering chicory as a straight in 2kg packs or in mixtures.

Linseed

Linseed is often used in gamecover for its excellent seed shedding. Frequently used as part of a mixture but can be sown as a straight stand. It is another plant with no overall canopy which makes it very suitable for partridge and is featured in our partridge mixtures.

Quinoa

Quinoa is an excellent provider of high protein seed which is shed throughout the season. Although Quinoa can be sown on its own it is more frequently grown in a mix. Often grown with Kale.



Phacelia

Phacelia is an extremely fast growing catch crop with brilliant bluey purple flowers. This attracts a huge quantity of insects to the cover. A good provider of both pollen and nectar. Phacelia competes well with weeds and is often used as a green manure crop. Phacelia does readily re-seed itself.

Mustard

Mustard is a very versatile crop which can be sown as part of a mixture or as a patching crop due to its fast growth. It is often sown or broadcast into cereal stubbles. It can be sown over a wide period of time from Spring right through to mid September. Often used as a green manure. Mustard is not Winter hardy but does offer excellent early season cover.

Brown Mustard

Brown mustard is a more Winter hardy plant that grows quickly as with other mustards. It can be sown or broadcast into cereal stubble. Although more expensive than standard mustard it will maintain cover through to February.





Spring Triticale

Spring varieties do not need a period of vernalisation to allow them to produce seed. The standing power of triticale is excellent, taken together with the fact that rabbits do not like it, triticale is a useful addition to the gamecover portfolio.

Yellow Blossom Sweet Clover

Often known as Sweet Clover this is a useful hardy biennial crop. A good nectar producing plant that thrives on neutral and calcareous soils. 2nd year growth can reach up to 2 metres in height.

Forage Rye

Hardy Cereal crop that acts as good cover and a weed suppressant so is ideal on weedy sites. One of the first crops to get going in the Spring. Tolerates difficult sites better than some other options.



Kale Grüner Angeliter

Grüner Angeliter is a long stemmed variety but still gives good standing power. Creates a good canopy with plenty of room under this for birds to run. A marrow stem type kale which is very suitable for forage as well as gamecover. Good Winter hardiness and is likely to be very popular.

Kale Rape Interval

Interval (Kale/Rape Hybrid) a fantastic fast growing rape with kale parentage. Excellent establishment and early vigour. Ideal replacement for kale when sown in June or July. Interval gives an excellent Winter hardy full season of cover.

Kale Caledonian

Caledonian can provide excellent full season cover from September to February and has proved to be very winter hardy. The Club Root resistance of Caledonian enables it to be grown on the same areas as previous years.

Forage Rape Hobson

Quick establishing, powdery mildew resistant variety with good winter hardiness. Hobson has a strong leaf canopy. A good variety for pre Christmas game cover. 2.5kg per acre.

Kale Goldeneye

Goldeneye is a giant type kale variety with a balanced leaf to stem ratio providing a good canopy combined with good winter hardiness. Clubroot tolerant.



Forage Rape Hungry Gap

A more hardy, tougher variety that will overwinter lasting well into February so is suited to late cover providing a very long standing cover canopy. 2.5kg per acre.

Fodder Radish

Popular for its seed shedding ability, fodder radish is a useful crop where brassica clubroot is present. It can be sown from April and into August and is therefore a good "patching" option. Also makes very good green manure. Good in all areas of the UK, with some frost tolerance. 2.5kg per acre.

Carbon

(Ethiopian Mustard x Kale Hybrid)

If your crop needs a boost or simply if you were unable to sow in the Spring, then Carbon is the crop to sow in July or early August, providing cover from a short growth period. Ideal for use as a recovery crop, producing very large kale like leaves. Excellent warm cover and driving potential. Winter hardy outstanding Winter colour with red/purple stems and leaf edging. 2kg per acre.





For any further information please call on **01476 862755**
or email seedenquiries@openfield.co.uk

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